

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054948.D
 Acq On : 4 Apr 2019 15:33
 Operator : JC/SP
 Sample : PB118593TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118593TB

Quant Time: Apr 05 03:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

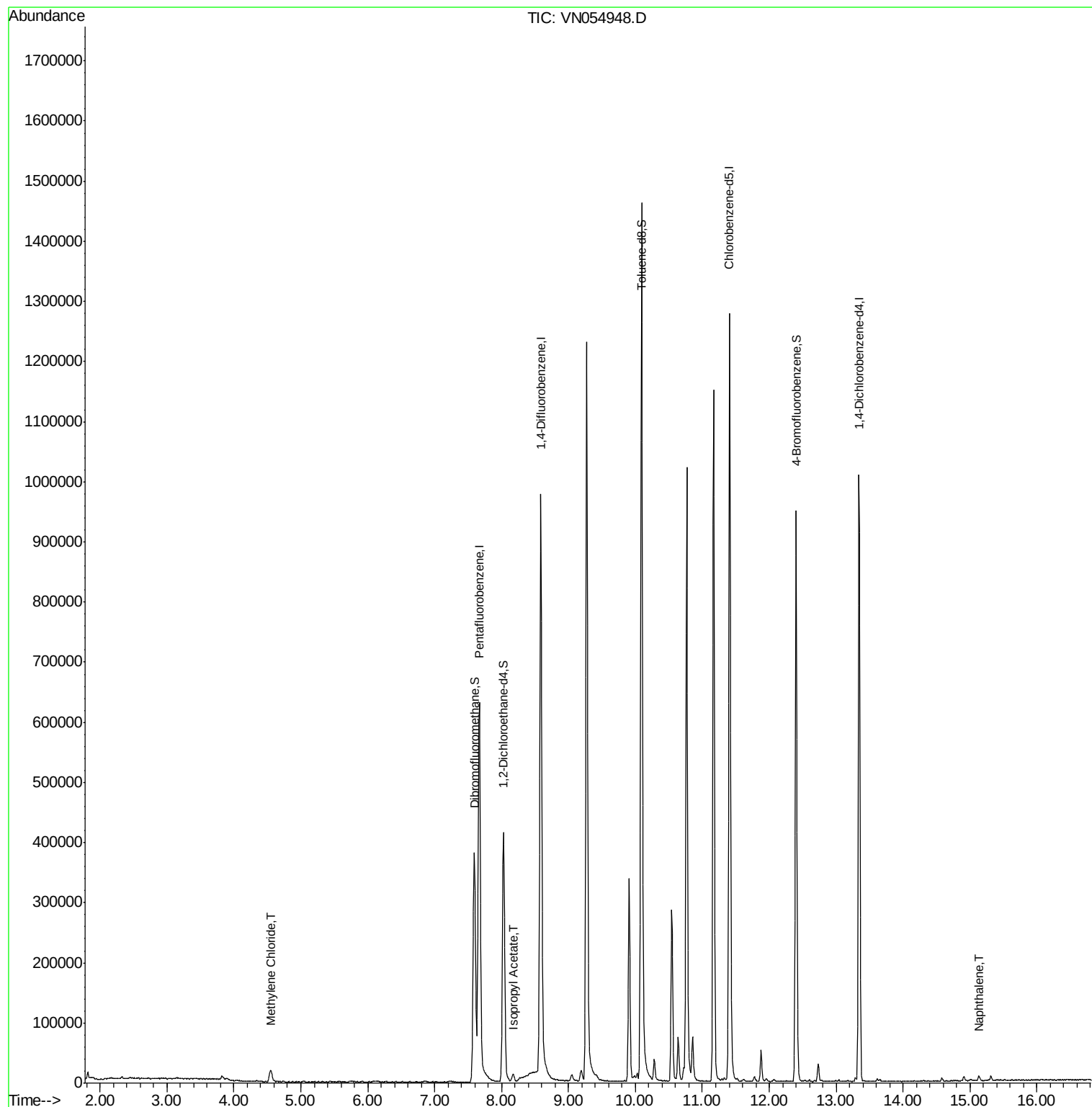
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	534310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	901480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	759165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	362347	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.59	113	291573	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.09	98	1079377	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	327695	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
Target Compounds						
20) Methylene Chloride	4.55	84	12740	1.949	ug/l	96
43) Isopropyl Acetate	8.17	43	16795	1.626	ug/l	99
95) Naphthalene	15.14	128	6410	3.467	ug/l	97

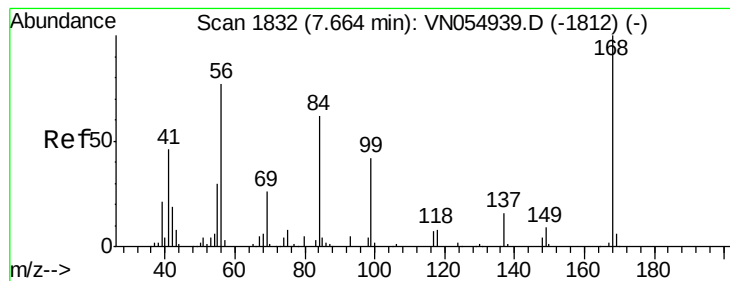
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054948.D

Acq: 4 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampleId :

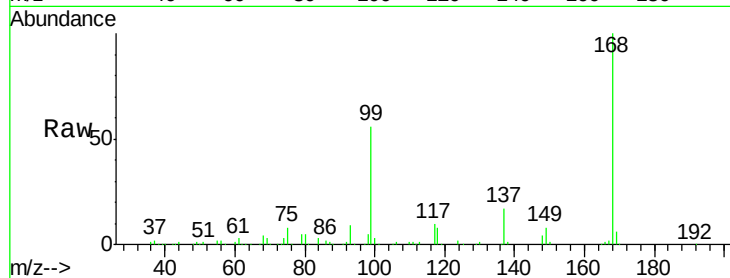
PB118593TB

Tgt Ion:168 Resp: 534310

Ion Ratio Lower Upper

168 100

99 55.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

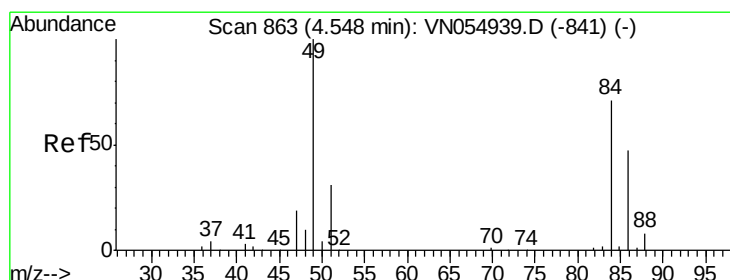
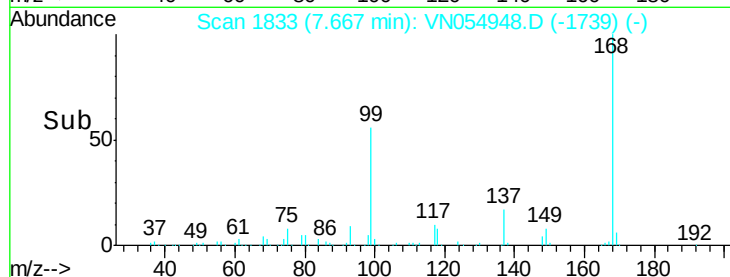
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.949 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN054948.D

Acq: 4 Apr 2019 15:33

Tgt Ion: 84 Resp: 12740

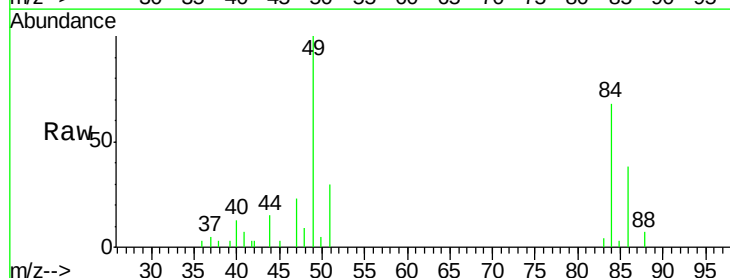
Ion Ratio Lower Upper

84 100

49 142.0 112.1 168.1

51 43.8 34.5 51.7

86 55.9 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

10000

8000

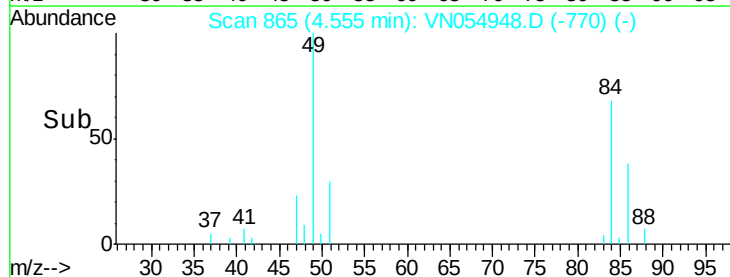
6000

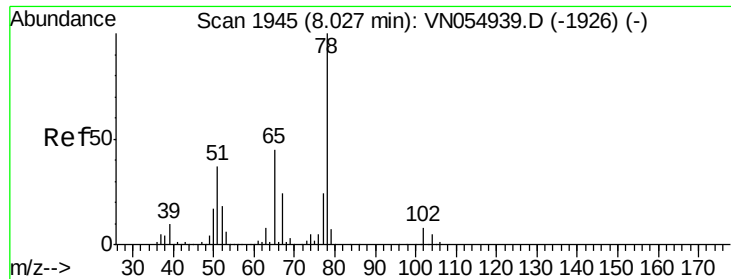
4000

2000

0

Time-->

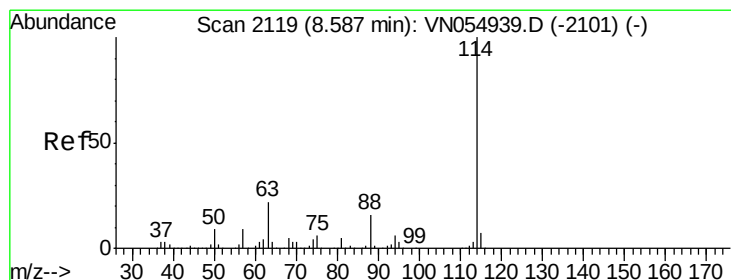
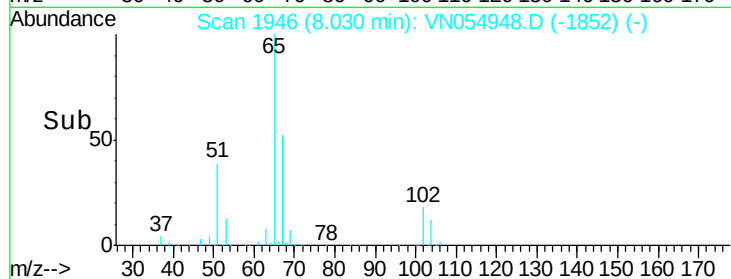
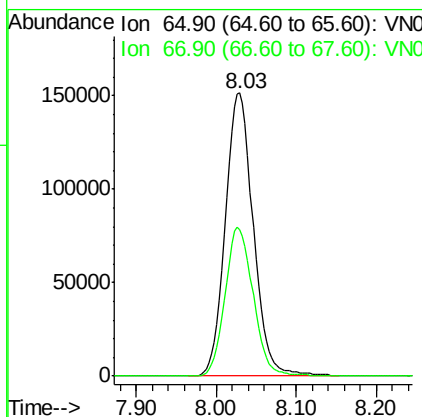
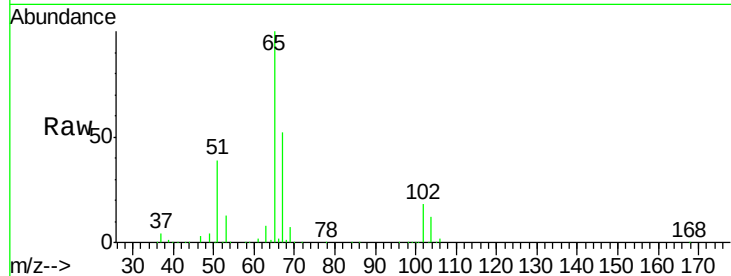




#33
 1,2-Dichloroethane-d4
 Concen: 51.435 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054948.D
 Acq: 4 Apr 2019 15:33

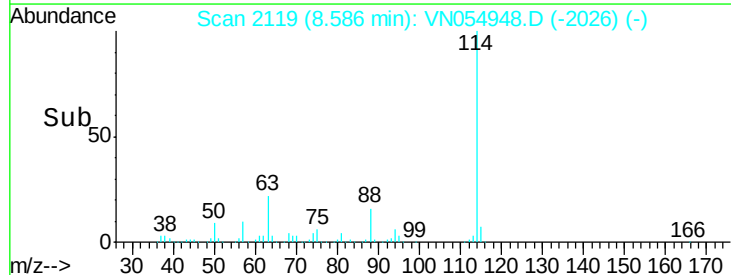
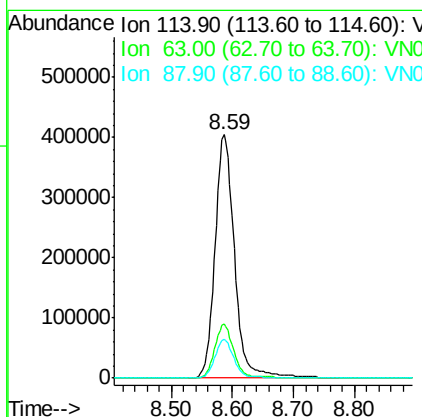
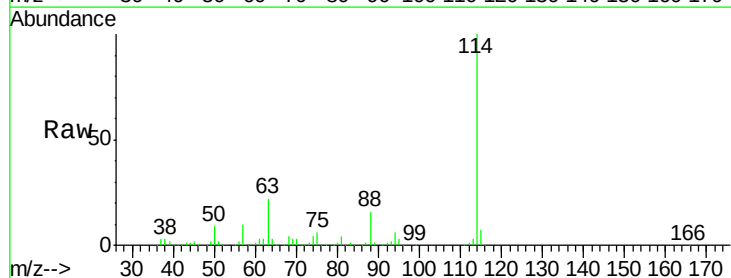
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118593TB

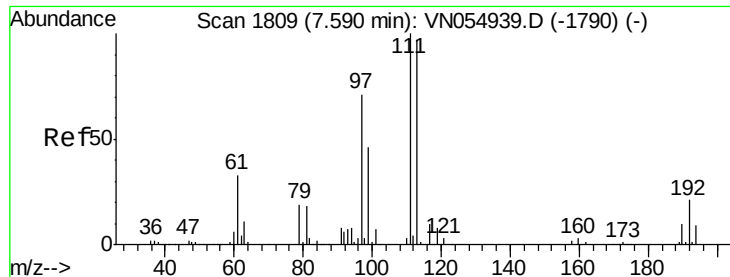
Tgt Ion: 65 Resp: 362347
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054948.D
 Acq: 4 Apr 2019 15:33

Tgt Ion: 114 Resp: 901480
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 16.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.687 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054948.D

Acq: 4 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampled :

PB118593TB

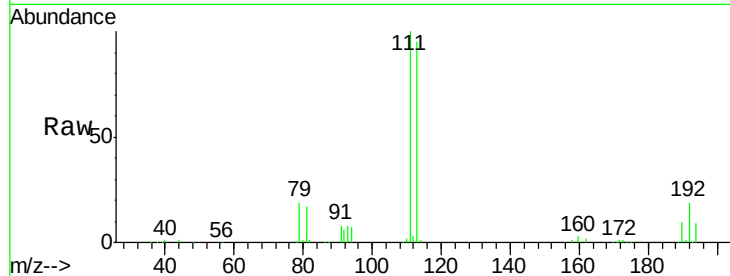
Tgt Ion:113 Resp: 291573

Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.4

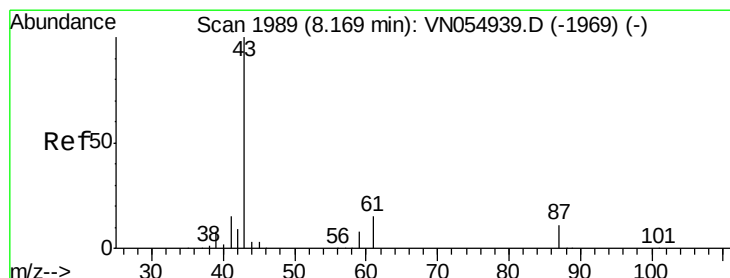
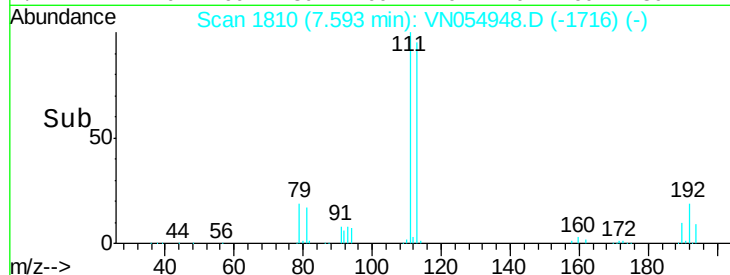
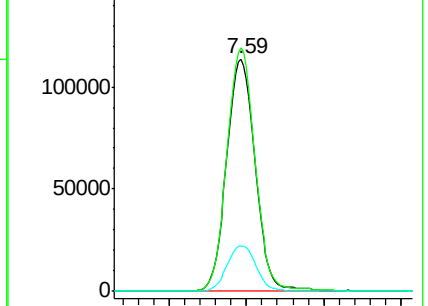
192 19.9 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 1.626 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054948.D

Acq: 4 Apr 2019 15:33

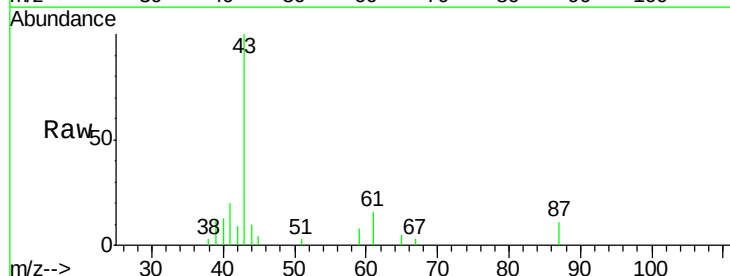
Tgt Ion: 43 Resp: 16795

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

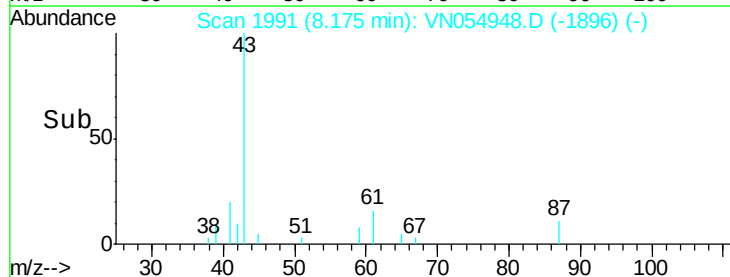
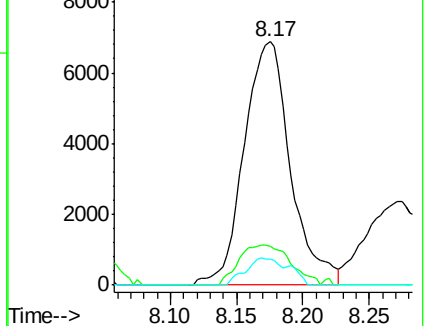
87 10.3 9.0 13.4

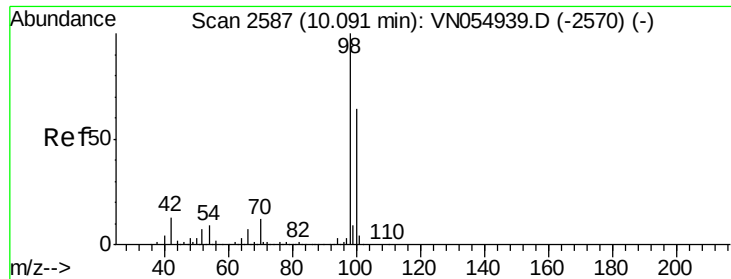


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.476 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054948.D

Acq: 4 Apr 2019 15:33

Instrument :

MSVOA_N

ClientSampled :

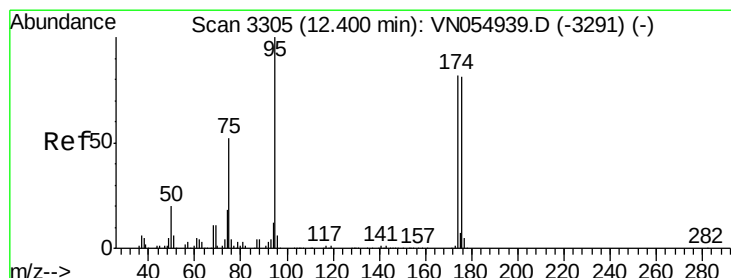
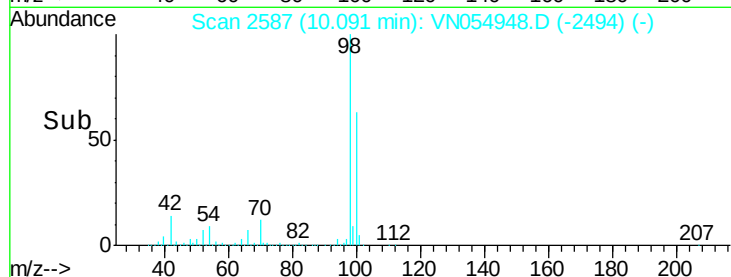
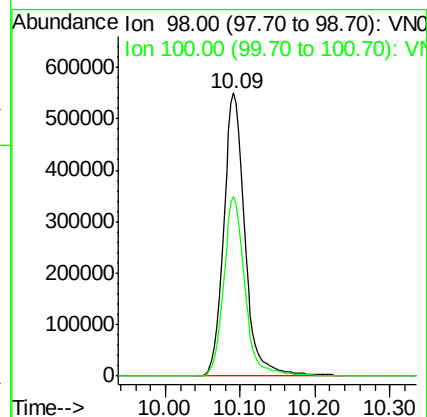
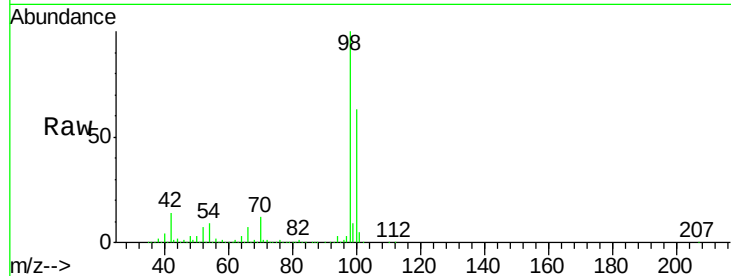
PB118593TB

Tgt Ion: 98 Resp: 1079377

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.099 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054948.D

Acq: 4 Apr 2019 15:33

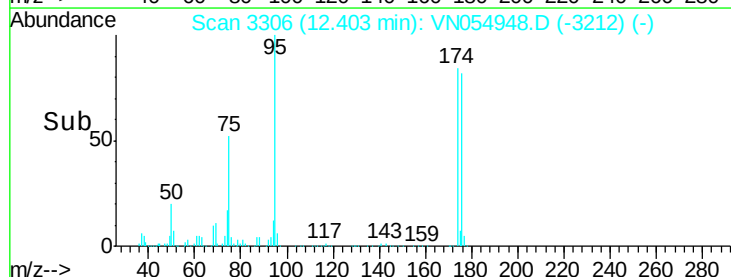
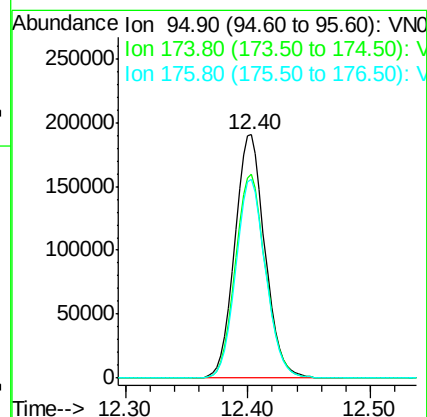
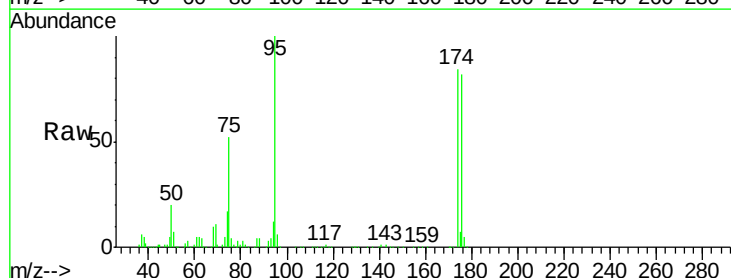
Tgt Ion: 95 Resp: 327695

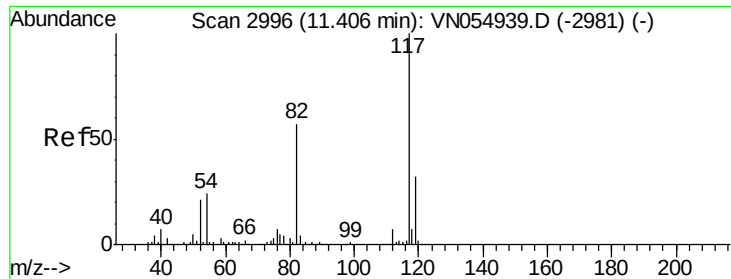
Ion Ratio Lower Upper

95 100

174 84.2 0.0 166.2

176 80.8 0.0 163.2

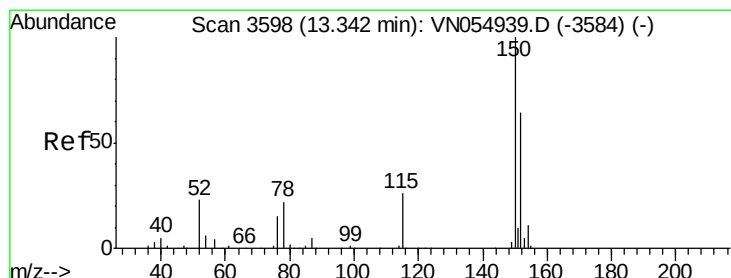
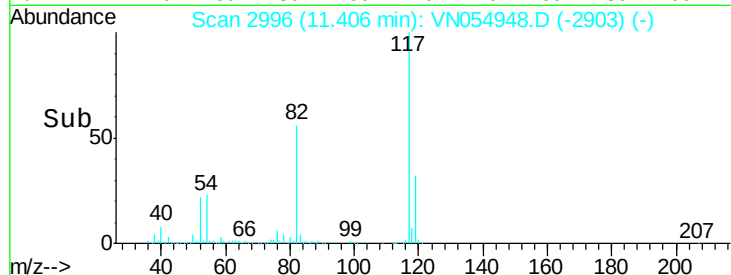
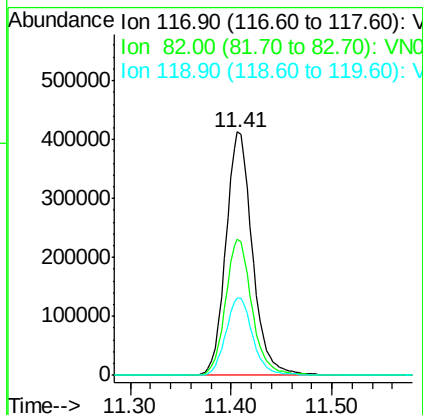
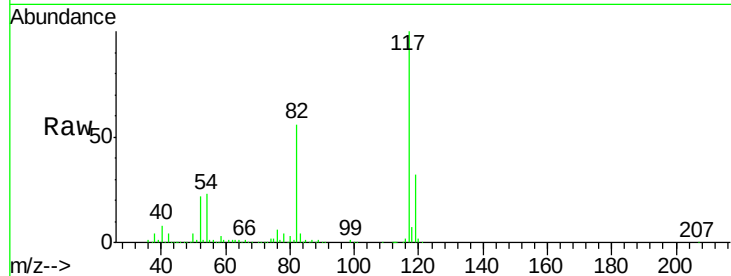




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054948.D
Acq: 4 Apr 2019 15:33

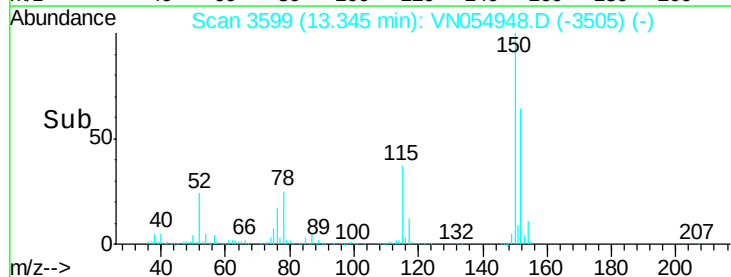
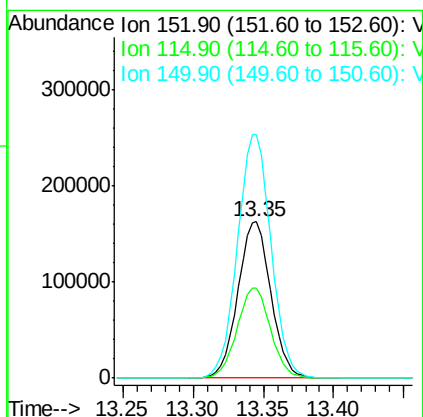
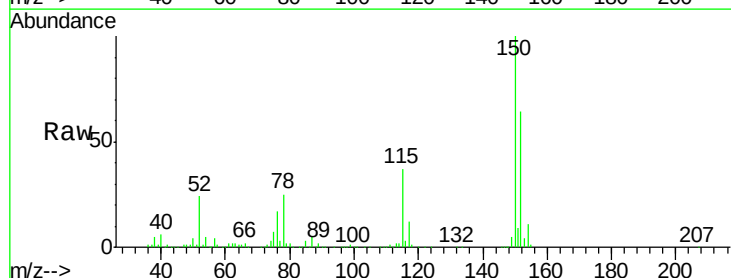
Instrument :
MSVOA_N
ClientSampled :
PB118593TB

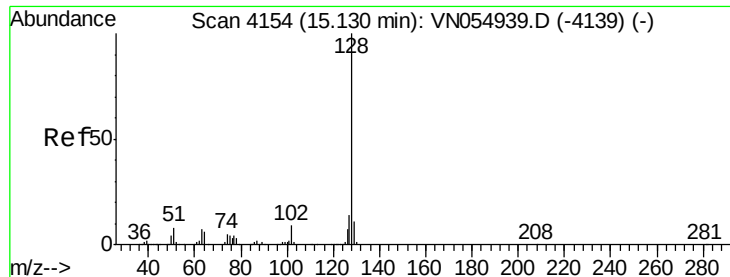
Tgt Ion:117 Resp: 759165
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054948.D
Acq: 4 Apr 2019 15:33

Tgt Ion:152 Resp: 266783
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 158.1 0.0 345.4

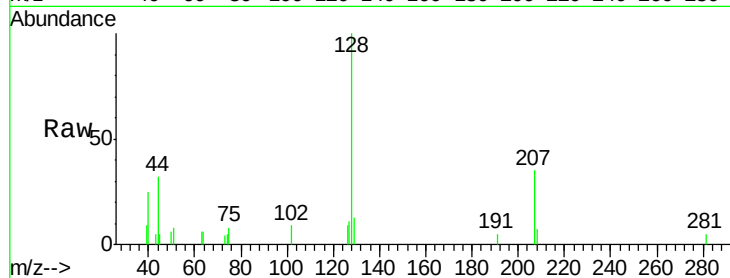




#95
Naphthalene
Concen: 3.467 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN054948.D
Acq: 4 Apr 2019 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB118593TB

Tgt Ion:128 Resp: 6410
Ion Ratio Lower Upper
128 100
127 11.6 10.6 16.0
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

